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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,744	02/07/2002	Robert J. Hunter	P11684	2875
25694	7590	11/03/2004	EXAMINER	
INTEL CORPORATION P.O. BOX 5326 SANTA CLARA, CA 95056-5326			ELAMIN, ABDELMONIEM I	
			ART UNIT	PAPER NUMBER
			2116	

DATE MAILED: 11/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/071,744

Applicant(s)

HUNTER, ROBERT J.

Examiner

A Elamin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) *
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 4-9, 12-18, 21-23, 25-26, are rejected under 35 U.S.C. 102(e) as being anticipated by Ranganathan et al ,US. Pat. No. 6,801,811.
3. Claims 1, 12-13, 21, Ranganathan teaches a computer system [*abstract*], comprising;
a display screen [*title, abstract*]; and
a control device [*element 420 of Fig. 4, abstract, col. 13, lines 44-53*] to select a first portion of the display screen to be brighter than a second portion of the display screen in accordance with a display power management protocol [*abstract, col. 2, lines 15-30*].
4. Claims 4-5, Ranganathan teaches the display screen includes a plurality of light emitting pixels to be independently controlled [*col. 3, lines 48-64, col. 10, lines 44-52*]
5. Claim 6, Ranganathan teaches the first portion of the display screen is to be brighter than the second portion by an amount to be defined according to a user preference [*col. 12, lines 37-56*].
6. Claim 7, Ranganathan teaches the control device includes a pointer or cursor control [*col. 12, line 50*].

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7. Claim 8, Ranganathan teaches the first portion is to include at least a portion of an active window, and the second portion is to include at least a portion of an inactive window [*col. 2, line 67 thru col. 3, line 2*].

8. Claim 9, Ranganathan teaches the first portion is to be within an active window within a vicinity of a cursor, and the second portion is to be within the active window beyond the vicinity of the cursor [*col. 12, lines 37-56, col. 16, lines 21-24*].

9. Claim 14, Ranganathan teaches enabling the brightness of the first portion of the display screen to be adjusted comprises enabling the brightness to be increased if the first portion is determined to be a focus area [*col. 2, line 53 thru col. 3, line 10*].

10. Claim 15, Ranganathan teaches the first portion is determined to be a focus area if the first portion includes an active window [*col. 2, line 67 thru col. 3, line 2*].

11. Claims 16, 22, Ranganathan teaches the first portion is determined to be a focus area if the first portion includes a cursor [*col. 12, lines 37-56*].

12. Claim 17, Ranganathan teaches the first and second portions are portions of a single window [*col. 2, line 67 thru col. 3, line 2*].

13. Claim 18, Ranganathan teaches enabling the brightness of the first portion of the display screen to be adjusted includes storing instructions in the computer system to adjust the brightness of the first portion of the display screen [*abstract*].

14. Claims 23, Ranganathan teaches determining the non-focus area of the display screen includes determining if a window is inactive [*col. 3, lines 2-4*].

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15. Claims 25, Ranganathan teaches decreasing the brightness of the non-focus area of the display screen includes decreasing the brightness of the non-focus area of the display screen to approximately zero [*col. 2, lines 28-30*].

16. Claims 26, Ranganathan teaches decreasing the brightness of the non-focus area of the display screen includes dimming the brightness of the non-focus area [*col. 2, lines 28-30*].

Claim Rejections - 35 USC § 103

17. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

18. Claims 2-3, are rejected under 35 U.S.C. 103(a) as being unpatentable over Ranganathan et al ,US. Pat. No. 6,801,811 in view of Beeteson, US. Pat. No. 5,796,382.

19. Claims 2-3 Ranganathan fails to teach the display screen include a plurality of backlights to be independently controlled in accordance with the protocol.

Beeteson teaches an LCD with independently activated backlight sources [*title, abstract, col. 1, lines 36-61*].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ranganathan to include a plurality of backlights to be independently controlled in accordance with the protocol, because it allows at least one of the light sources to be activated independently of the other light sources thereby enabling portions of liquid crystal material in the display panel to be illuminated selectively [*see Beeteson, col. 1, lines 42-45*].

20. Claims *10-11, 19-20 and 24* are rejected under 35 U.S.C. 103(a) as being unpatentable over Ranganathan et al, US. Pat. No. 6,801,811 in view of Silber, US. Pat. No. 6,738,041.

21. Claims *10-11, 19-20 and 24*, Ranganathan fails to teach the control device includes a camera.

Silber teaches using a video camera to control cursor position [*title, abstract*].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Ranganathan to include a camera, because it links the motion in a more intuitive way with the motion of the cursor on the screen [*see Silber, col. 1, lines 37-38*].

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to A Elamin whose telephone number is (571) 272-3674. The examiner can normally be reached on MON-FRI 9:30 AM - 6:00 PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on (571) 272-3670. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A Elamin
Primary Examiner
Art Unit 2116

October 26, 2004



A. ELAMIN
PRIMARY EXAMINER